

Amendments to the Specification

Please add the following new heading before paragraph [0002]:

BACKGROUND

Please add the following new heading before paragraph [0004]:

SUMMARY OF THE INVENTION

Please amend paragraph [0004] as follows:

[0004] The invention is based on an ~~the~~ object of proposing a machining center for cylinder heads which, on the one hand, is highly flexible and, on the other hand, allows a considerable reduction in the machining times on cylinder heads.

Please delete paragraph [0005].

Please amend paragraph [0008]:

[0008] . Advantageously, at least some of the spindles may be ~~are~~ arranged in the working space of the machine tool in such a way that the tools fastened on them can come into engagement simultaneously on the cylinder head. By virtue of this multiple-spindle machining, the main time in the machining of the cylinder heads can be greatly reduced.

[0009] Expediently, the machine tools may be ~~are~~ of flexible design, so that the tools and spindles can be arranged within the machine at various locations and with various orientations. The machine tools then have the same basic construction for different machining stations, but are provided with different spindles and tools, depending on the machining station. On account of the standard basic construction of the machines, maintenance is appreciably simplified. Furthermore, in the event of a machine failure, a replacement machine can quickly be configured and substituted. Finally, the machines can be re-configured easily and quickly when another type of cylinder head is to be machined.

[0012] The cylinder head is may be fed to the machine tools with the aid of a transport system. In the machine tool, according to the respective station, the cylinder head is received in a predetermined orientation on a clamping head and is moved through the working space of the machine tool with the aid of a displacement unit.

Please add the following new heading before paragraph [0013]:

BRIEF DESCRIPTION OF THE DRAWINGS

Please add the following new heading before paragraph [0017]:

DETAILED DESCRIPTION

Please amend the heading on top of page 8 with the following amended heading:

~~Patent claims~~ WHAT IS CLAIMED IS: